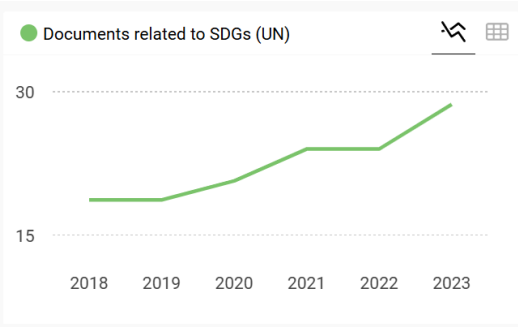
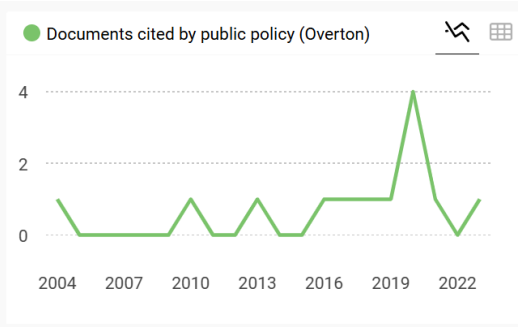


Sports Science for health

## Sport Sciences for Health

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**Sport Sciences for Health (SSFH)** <em@editorialmanager.com>

Sat, Oct 16, 2021, 3:53 PM ☆ ☺ ↶ ⋮

to me ▾

Dear Ms Sri,

You may recall reviewing the manuscript Federal Medical Biological Agency of Russia's Efforts to Support Russian Athletes During COVID-19 Outbreak for us. I am herewith inviting you to take a look at the revised manuscript.

Manuscript Number: SSFH-D-21-00159R2

Abstract: This paper dwells upon COVID-19 related efforts of the Center for Sports Medicine, Federal Medical and Biological Agency of Russia. The Agency has the following precautions in place: regular polymerase chain reaction (PCR) testing of athletes and staff; double PCR testing before going to training camps or medical examinations; isolating athletes and their traceable contacts when COVID is suspected; observation and isolation wards set up at training camp venues. Athlete vaccination has begun. Athletes are provided online advice on health, diet, and exercising plus special care for chronically ill athletes and remote psychological counseling. Athletes recovering from COVID-19 are offered rehabilitation programs and doctor-supervised return to training.

Specialists of the Research Department at FMBA's Center for Sports Medicine carried out a research dedicated to the prevalence of COVID-19 and different variants of its course in Russian athletes. The study period lasted from March to December 2020. A total of 27,438 records were analyzed. In May, June, July and August 2020, the percentage of positive PCR tests for athletes was significantly lower than the nationwide percentage at  $p < 0.05$ , Pearson's chi-squared test. However, the differences were nullified by September-October. The disease was mild or asymptomatic in most patients. Athletes of summer sports were found to be most likely to contract COVID-19.

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We hope you are willing to review the manuscript. If so, would you be so kind as to return your review to us within 14 days of agreeing to review? Thank you.

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In order to keep delays to a minimum, please accept or decline this invitation online as soon as possible.

If you have any questions, please do not hesitate to contact us. We appreciate your assistance.

Thank you very much.

With kind regards,

Fabio Esposito  
Editor in Chief  
Sport Sciences for Health

SSFH-D-21-00159R1 - invitation to review revised ms. > Inbox x



**Sport Sciences for Health (SSFH)** <em@editorialmanager.com>

Mon, Oct 11, 2021, 2:58 PM ☆ 😊 ↶ ⋮

to me ▾

Dear Ms sri,

You may recall reviewing the manuscript Federal Medical Biological Agency of Russia's Efforts to Support Russian Athletes During COVID-19 Outbreak for us. I am herewith inviting you to take a look at the revised manuscript.

Manuscript Number: SSFH-D-21-00159R1

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Thank you very much.

With kind regards,

Fabio Esposito  
Editor in Chief  
Sport Sciences for Health

Review activity for **Sport sciences for health.** (2)

journal, Sport Sciences for Health  
ISSN: [1824-7490](#)

Review date: 2021 Type: review Role: reviewer

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Page: 1 of 1 (6 total assignments)

Action	My Reviewer Number	Manuscript Number	Article Type	Article Title	Final Disposition	Date Reviewer Invited	Date Reviewer Agreed	Date Review Due	D R S
<a href="#">Author Response</a> <a href="#">View Reviewer Comments</a> <a href="#">View Decision Letter</a> <a href="#">View Attachments</a> <a href="#">Send E-mail</a>	2	SSFH-D-21-00159R2	Original Article	Federal Medical Biological Agency of Russia's Efforts to Support Russian Athletes During COVID-19 Outbreak	Accept	16 Oct 2021	16 Oct 2021	30 Oct 2021	16 20
<a href="#">Author Response</a> <a href="#">View Reviewer Comments</a> <a href="#">View Decision Letter</a>	2	SSFH-D-21-	Original Article	Federal Medical Biological Agency of Russia's Efforts to Support	Accept	11 Oct 2021	12 Oct 2021	26 Oct 2021	17 20

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### View Reviewer Comments for Manuscript

SSFH-D-21-00071

### "Kinematics of take-off phase in successful and unsuccessful performances of gymnastic somersault: An experimental study"

Click the Reviewer recommendation term to view the Reviewer comments.

	Original Submission
(Reviewer 3)	Major revisions needed
Sumartiningsih Sri, Ph.D. (Reviewer 4)	Minor revisions needed
Author Decision Letter	Minor revisions needed
Author	Response to Reviewers

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SSFH-D-21-00071

### "Kinematics of take-off phase in successful and unsuccessful performances of gymnastic somersault: An experimental study" Original Submission

Sumartiningsih Sri, Ph.D. (Reviewer 4)

Reviewer Recommendation Term:	Minor revisions needed
Overall Reviewer Manuscript Rating:	N/A

Transfer Authorization	Response
If this submission is transferred to another publication, do we have your consent to include your identifying information?	No
If this submission is transferred to another publication, do we have your consent to include your original review?	No

Custom Review Question(s):	Response
<b>Publons Reviewer Recognition.</b> Springer Nature can send verification of this review directly to Publons (a subsidiary of Clarivate Analytics). If you would like to take advantage of this service, please click on the "Yes" option below. Your name, email address, title of the reviewed manuscript, name of the journal, and date of your review submission (the "Review Data") will then be transmitted to Publons after the final decision on the manuscript has been made. If you have already registered at Publons, they will notify you of the receipt of this review and update your profile as per your settings and their policy. If you are not registered with Publons, you will receive an email from them asking you to register in order for them to be able to recognize your review on your new profile page. Publons may use the Review Data to generate derivative metadata for the benefit of Publons and you as a reviewer, carefully considering the sensitivity of such information. For example, Publons may verify your record as a reviewer by updating your profile published on its webservice if you have registered for such service or help editors to identify candidate reviewers. Please find the details of processing in Publons' privacy policy <a href="https://publons.com/about/terms">https://publons.com/about/terms</a>	Yes

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Review Sheet: General Judgement

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1. Is the paper acceptable for publication

(a) in its present form?

(b) with minor revisions?

Should the paper be reconsidered after major revision?

Is it unacceptable for publication?

2. Please list any other general comments or specific

**Sumartiningih Sri, Ph.D. (Reviewer 4)**

<b>Reviewer Recommendation Term:</b>	Minor revisions needed
<b>Overall Reviewer Manuscript Rating:</b>	N/A
<b>Transfer Authorization</b>	<b>Response</b>
If this submission is transferred to another publication, do we have your consent to include your identifying information?	No
If this submission is transferred to another publication, do we have your consent to include your original review?	No
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<b>Publons Reviewer Recognition.</b> Springer Nature can send verification of this review directly to Publons (a subsidiary of Clarivate Analytics). If you would like to take advantage of this service, please click on the "Yes" option below. Your name, email address, title of the reviewed manuscript, name of the journal, and date of your review submission (the "Review Data") will then be transmitted to Publons after the final decision on the manuscript has been made. If you have already registered at Publons, they will notify you of the receipt of this review and update your profile as per your settings and their policy. If you are not registered with Publons, you will receive an email from them asking you to register in order for them to be able to recognize your review on your new profile page. Publons may use the Review Data to generate derivative metadata for the benefit of Publons and you as a reviewer, carefully considering the sensitivity of such information. For example, Publons may verify your record as a reviewer by updating your profile published on its webservice if you have registered for such service or help editors to identify candidate reviewers. Please find the details of processing in Publons' privacy policy <a href="https://publons.com/about/terms">https://publons.com/about/terms</a>	Yes
<b>Comments to Editor:</b>	
Review Sheet: General Judgement -----	
1. Is the paper acceptable for publication	
(a) in its present form?	
(b) with minor revisions?	
Should the paper be reconsidered after major revision?	
Is it unacceptable for publication?	
2. Please list any other general comments or specific suggestions in the separate blind comments to author's box.	
<b>Comments to Author:</b>	
the paper acceptable for publication with minor revisions	

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**Date:** 01 Apr 2021  
**To:** "Shahram Lenjannejadian" sh.lenjani@spr.ui.ac.ir  
**From:** "Sport Sciences for Health (SSFH)" hemashree.thirunavukarasu@springernature.com  
**Subject:** Your Submission SSFH-D-21-00071

Dear Dr Lenjannejadian,

We have received the reports from our advisors on your manuscript, "Kinematics of take-off phase in successful and unsuccessful performances of gymnastic somersault: An experimental study", submitted to Sport Sciences for Health

Based on the advice received, I have decided that your manuscript can be accepted for publication after you have carried out the corrections as suggested by the reviewer(s).

Below, please find the reviewers' comments for your perusal. You are kindly requested to also check the website for possible reviewer attachment(s).

Please make sure to submit your editable source files (i. e. Word, TeX).

Please submit your revised manuscript online by using the Editorial Manager system.

Your username is: \*\*\*\*\*

If you forgot your password, you can click the 'Send Login Details' link on the EM Login page at <https://www.editorialmanager.com/ssfh/>

I am looking forward to receiving your revised manuscript before 16 May 2021.

Thank you very much.

With kind regards,

Emiliano Cè, PhD  
 Associate Editor  
 Sport Sciences for Health

**Date:** 01 Apr 2021  
**To:** "Shahram Lenjannejadian" sh.lenjani@spr.ui.ac.ir



**From:** "Sport Sciences for Health (SSFH)"  
hemashree.thirunavukarasu@springernature.com

**Subject:** Your Submission SSFH-D-21-00071

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Emiliano Cè, PhD  
Associate Editor  
Sport Sciences for Health

COMMENTS TO THE AUTHOR:

- Reviewer #3: 1) WHAT IS THE SIGNIFICANCE OF THIS STUY?  
2) WHY THE AUHTOR ONLY TOOK MALES ATHLETES IS NOT JUSTIFIED ANYWHERE?  
3) WHY DID THE AUTHOR NOT USE ELECTOGONIOMETER FOR JOINT ANGLE MEASUREMENT INSTEAD?  
4) SAMPLE SIZE DERIVATION IS MISSING FROM THE TEXT

Reviewer #4: the paper acceptable for publication with minor revisions

There is additional documentation related to this decision letter. To access the file(s), please click the link below. You may also login to the system and click the 'View Attachments' link in the Action column.  
\*\*\*\*\*

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\*\*Our flexible approach during the COVID-19 pandemic\*\*

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**SSFH-D-21-00071R2**  
**"Kinematics of take-off phase in successful and unsuccessful performances of gymnastic somersault: An experimental study"**

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Click the Reviewer recommendation term to view the Reviewer comments.

	Revision 2	Revision 1	Original Submission
(Reviewer 3)	(None)	(None)	Major revisions needed
Sumartingsih Sri, Ph.D. (Reviewer 4)	Accept as is	(None)	Minor revisions needed
(Reviewer 6)	Minor revisions needed	(None)	(None)
Author Decision Letter	Minor revisions needed	Minor revisions needed	Minor revisions needed
Author	Response to Reviewers	Response to Reviewers	Response to Reviewers

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editorialmanager.com/ssfh/ReviewerComments.aspx?docid=3919&peopleid=542&rev=2&unBlindReviewer=false

**Sumartingsih Sri, Ph.D. (Reviewer 4)**

<b>Reviewer Recommendation Term:</b>	Accept as is
<b>Overall Reviewer Manuscript Rating:</b>	75
<b>Transfer Authorization</b>	<b>Response</b>
If this submission is transferred to another publication, do we have your consent to include your identifying information?	No
If this submission is transferred to another publication, do we have your consent to include your original review?	No
<b>Custom Review Question(s):</b>	<b>Response</b>
<b>Publons Reviewer Recognition.</b> Springer Nature can send verification of this review directly to Publons (a subsidiary of Clarivate Analytics). If you would like to take advantage of this service, please click on the "Yes" option below. Your name, email address, title of the reviewed manuscript, name of the journal, and date of your review submission (the "Review Data") will then be transmitted to Publons after the final decision on the manuscript has been made. If you have already registered at Publons, they will notify you of the receipt of this review and update your profile as per your settings and their policy. If you are not registered with Publons, you will receive an email from them asking you to register in order for them to be able to recognize your review on your new profile page. Publons may use the Review Data to generate derivative metadata for the benefit of Publons and you as a reviewer, carefully considering the sensitivity of such information. For example, Publons may verify your record as a reviewer by updating your profile published on its webservice if you have registered for such service or help editors to identify candidate reviewers. Please find the details of processing in Publons' privacy policy <a href="https://publons.com/about/terms">https://publons.com/about/terms</a>	Yes
<b>Comments to Editor:</b>	
Review Sheet: General Judgement	
=====	
1. Is the paper acceptable for publication	
(b) with minor revisions?	
2. Please list any other general comments or specific suggestions in the separate blind comments to author's box.	
Thanks for the effort to revise the manuscript.	
The phase of take-off is essential, as same as the landing phase for gymnastics.	
1) Please add the reason why only measure at take-off phase?	
2) What is beneficial for athletes when they have a good point in take off? How about if they fall in landing?	

## Author's Response To Reviewer Comments

Close

we greatly appreciate you for the opportunity given to us to further revise the manuscript.

Close

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Editor: Sport Sciences for Health

Our manuscript entitled "Kinematics of take-off phase in successful and unsuccessful performances of gymnastic somersault: An experimental study" with the ID "SSFH-D-21-00071" has been revised carefully according to your letter. We sincerely thank the reviewers for constructive valuable and criticisms comments, which were of excellent help in revising the manuscript. They led us to gain new insights and we have adjusted the manuscript accordingly. We have implemented their comments and suggestions and wish to submit a revised version of the manuscript for further consideration in the journal. Also we greatly appreciate you for the opportunity given to us to further revise the manuscript. Changes in the initial version of the manuscript are highlighted for added sentences in the revised version. Below, we also provide a point-by-point responses to the reviewers' comments or questions in bold green italics. We look forward to the outcome of your assessment.

Reviewer #3

1) WHAT IS THE SIGNIFICANCE OF THIS STUDY?

Response to comment 1: We appreciate you for your constructive comment. It is important to us to reach a better understanding of optimal characteristics of somersault techniques because, we believe that the good performance of this technique leads in the better performance of more sophisticated similar techniques.

2) WHY THE AUHTOR ONLY TOOK MALES ATHLETES IS NOT JUSTIFIED ANYWHERE?

Response to comment 2: We appreciate you for your fruitful comment. First, only the gymnastic team of boys were accepted to participate in our research and the second, since this could eliminate the gender effects in our results, therefore we decided to conduct our study with only males.

3) WHY DID THE AUTHOR NOT USE ELECTROGONIOMETER FOR JOINT ANGLE MEASUREMENT INSTEAD?

Response to comment 3: Thanks for your helpful comment. We didn't have electrogoniometer and still don't have this equipment in our lab. The second reason is that we plan to use the performance movies as a useful learning material for our coaches.

4) SAMPLE SIZE DERIVATION IS MISSING FROM THE TEXT

Response to comment 4: Thanks for your beneficial comment, we modified the paper and explain about this comment.

Reviewer #4

The paper acceptable for publication with minor revisions.

We are so thankful to the reviewer for his/her thorough review. Detailed corrections are listed below point by point:

1) Not clear for the gender of participant? Male or female or both/each

Response to comment 1: Dear reviewer thanks for your attention, the participants included 11 skillful male gymnasts aged 8 to 12 years. This part was added in the abstract and methods in the revise manuscript.

2) Please explain the study design was used

Response to comment 2: Thanks for your beneficial comment, it was corrected at the beginning of Methods section and added to revised manuscript.

3) Completed the tool name for measure and unit

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4) How many markers? In which part? Better if have illustration the markers were placed

Response to comment 4: Dear reviewer thanks for your attention, detailed description was added in the revise manuscript.

5) This is both take-off or landing? Both?

Response to comment 5: Dear reviewer thanks for your attention, as mentioned in Title, we only investigated the take-off phase.

6) Completed the illustration with landing position

Response to comment 6: Dear reviewer because of the above comment and our response, we think that it is not necessary to illustrate the landing phase. If you insist, we could add the proper figure.

7) Add the mean of \*

Response to comment 7: Dear reviewer thanks for your attention, the meaning of \* was added below the all tables.

Thank you for your positive and responsible reaction to our paper, we have also spent a lot

of time on the text to make the writing more concise and clearer. We greatly acknowledge the anonymous reviewer for carefully reading the manuscript and providing comments that have led to an improved paper. Whatever the outcome, we would like to express our gratitude to you (and other reviewers) for guiding us make this a much better paper.

Yours sincerely,

Shahram Lenjannejadian

Dear Dr. Emiliano Cè

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7) Add the mean of \*

Response to comment 7: Dear reviewer thanks for your attention, the meaning of \* was added below the all tables.

Thank you for your positive and responsible reaction to our paper, we have also spent a lot of time on the text to make the writing more concise and clearer. We greatly acknowledge the anonymous reviewer for carefully reading the manuscript and providing comments that have led to an improved paper. Whatever the outcome, we would like to express our gratitude to you (and other reviewers) for guiding us make this a much better paper.

Yours sincerely,

Shahram Lenjannejadian

Dear Dr. Emiliano Cè

Editor: Sport Sciences for Health

Our manuscript entitled “Kinematics of take-off phase in successful and unsuccessful performances of gymnastic somersault: An experimental study” with the ID “SSFH-D-21-00071R2” has been revised carefully according to your letter. We sincerely thank the reviewers for constructive valuable and criticisms comments, which were of excellent help in revising the manuscript. They led us to gain new insights and we have adjusted the manuscript accordingly. We have implemented their comments and suggestions and wish to submit a revised version of the manuscript for further consideration in the journal. Also we greatly appreciate you for the opportunity given to us to further revise the manuscript. Changes in the initial version of the manuscript are highlighted for added sentences in the revised version. Below, we also provide a point-by-point responses to the reviewers’ comments or questions in bold red italics. We look forward to the outcome of your assessment.

Reviewer #4

Thanks for the effort to revise the manuscript.

1) The phase of take-off is essential, as same as the landing phase for gymnastics. Please add the reason why only measure at take-off phase? What is beneficial for athletes when they have a good point in take off? How about if they fail in landing?

Response to comment 1: We appreciate you for your constructive comment. A suitable Take-off phase leads to a good performance and one criterion of good performance is good landing. Take-off phase starts the sequences that are finished in landing and so we believe that this phase is more important to landing. Albeit the landing investigation is also helps us to find any possible problem in unsuccessful performances and also in some researches helps us to look forward to any possible injuries.

Reviewer #6

Thank you for giving me the opportunity to review the manuscript entitled (Kinematics of take-off phase in successful and unsuccessful performances of gymnastic somersault: An experimental study). In general, the paper is overall well written.

We are so thankful to the reviewer for his/her thorough review. Detailed corrections are listed below point by point:

Abstract

This phrase is raised because it is not needed (Kinematic variables identify movement patterns and are used to compare successful versus unsuccessful performances that cause to better understanding of performance optimization techniques)

Response to comment: Dear reviewer thanks for your attention, I think this phrase helps reader to understand our purpose and our philosophy of doing this research. But if you insist, we remove this sentence.

1. ( The subjects had a mean age of  $11 \pm 3.6$  years, a height of  $123 \pm 38.9$  cm, a weight of  $53.3 \pm 16.8$  kg, and a playing history of  $4.64 \pm 1.4$  years ) . These figures need to be reviewed well because if the standard deviation is divided by the arithmetic mean, the result will be very large, indicating the heterogeneity of the sample in these variables, The results are as follows, mane age (32.7272 %) years, height (31.6260%) cm, weight (31.5196 %) kg, playing history (30.1724 %) years, Sources indicate that the value does not exceed 30%.

Response to comment 1: Thanks for your beneficial comment, dear reviewer according to

your comment, we double-check these digits and all of them were correct!

2. We used markers on the wrist, elbow, shoulder, hip, knee, ankles and forefoot on the left and right sides. Why did the researchers place on the right side a different distance from the left side, while the field in which the movement takes place has fixed dimensions?

Response to comment 2: We appreciate you for your constructive comment. Dear reviewer if you mean why the distances of our two cameras were 2.5 and 3.5 meters, we wanted to use distances as far away as possible to get the better pictures with selecting the proper zoom number, but unfortunately, we had some limitations on performance area and could not set both cameras on 3.5 m distance. But we applied different calibration factors for each of these cameras and tried to prepare the correct results.

3. The speed of the camera is low compared to the speed of the players.

Response to comment 4: Dear reviewer thanks for your attention, we tested different speeds including 120, 240 and 480 fps and according to the results we decided to choose 240 fps that confirmed by other researches.

4. The interval between one attempt and another is very small, and why is it only one minute?

Response to comment 4: Dear reviewer, Ms Horri (The first author of this article) is gymnastic coach and after consulting with her colleagues, she decided about this testing protocol. They believed that 10 performances are very light for young gymnasts and also none of them has no any complain about fatigue that we asked them according to borg RPE scale.

5. Why did the researchers not put a picture of the performance of the research sample instead of an illustrative picture?

Response to comment 5: Dear reviewer thanks for your beneficial comment, we put a picture of the performance of the research in the revised manuscript.

6. The shoulder angle during Take-off in a table (3) for a successful attempt is less and not greater than for an unsuccessful attempt.

Response to comment 6: We have the angles in Table 1 and Table 3 is for angular velocities and accelerations and as you can find the results showed that there was less ROM and high velocity and acceleration in successful performances.

I don't understand if there is any mistake in our manuscript? I double check and didn't find any mistake!

7. The References: Written in the right way

Response to comment 7: Dear reviewer thanks for your attention, all references were corrected.

Thank you for your positive and responsible reaction to our paper, we have also spent a lot of time on the text to make the writing more concise and clearer. We greatly acknowledge the anonymous reviewer for carefully reading the manuscript and providing comments that have led to an improved paper. Whatever the outcome, we would like to express our gratitude to you (and other reviewers) for guiding us make this a much better paper.

Yours sincerely,

Shahram Lenjannejadian